

ABSTRACT OF THE DISCLOSURE

A printing apparatus is equipped with a filter mechanism for achieving optimum digital encoder signal filtering so as to realize precise position control, for example. The printing apparatus filters out high-frequency noise overlaying a detection signal generated when detecting the position of a carriage on which a printhead is mounted and reciprocally moved in a first direction in such a way as to reflect the state of movement of the carriage and controls the printhead based on the filtered detection signal from which the noise is filtered out. Further, the printing apparatus may be configured to filter out high-frequency noise overlaying a detection signal generated by detecting a position of a printing medium according to conditions that reflect the state of conveyance by a conveyance mechanism and perform conveyance control of the printing medium based on the noise-filtered detection signal.

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